

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2005, 02:05:27 ; Search time 236 Seconds
(without alignments)
8683.069 Million cell updates/sec

Title: US-09-904-994B-1
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Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	27	0.9	2619	US-08-467-822-19	Sequence 19, Appl
2	27	0.9	2619	US-08-432-697-19	Sequence 19, Appl
3	27	0.9	2619	US-08-466-248-19	Sequence 19, Appl
4	20	0.7	550	US-09-270-767-3974	Sequence 3974, Ap
5	20	0.7	550	US-09-270-767-19256	Sequence 19256, A
6	20	0.7	1233	US-08-289-458-4	Sequence 4, Appli
7	20	0.7	1233	US-08-761-549-4	Sequence 4, Appli
8	20	0.7	1233	US-09-127-646-4	Sequence 4, Appli
9	20	0.7	1727	US-08-289-458-3	Sequence 3, Appli
10	20	0.7	1727	US-08-761-549-3	Sequence 3, Appli
11	20	0.7	1727	US-09-127-646-3	Sequence 3, Appli
12	20	0.7	2735	US-08-920-095-1	Sequence 1, Appli
13	20	0.7	2735	PCT-US96-05800-1	Sequence 1, Appli
14	20	0.7	4824	US-09-431-705-1	Sequence 1, Appli
15	20	0.7	4824	US-09-431-705-19	Sequence 19, Appli
16	20	0.7	5152	US-10-204-708-74	Sequence 74, Appli
17	19	0.7	260	US-09-513-999C-31838	Sequence 31838, A
18	19	0.7	2235	US-08-313-181-3	Sequence 3, Appli
19	19	0.7	640681	US-09-790-988-1	Sequence 1, Appli
20	18	0.6	262	US-09-513-999C-2843	Sequence 2843, Ap
21	18	0.6	332	US-09-248-796A-13331	Sequence 13331, A
22	18	0.6	336	US-09-488-039A-7094	Sequence 7094, Ap
23	18	0.6	366	US-09-248-796A-4797	Sequence 4797, Ap
24	18	0.6	431	US-09-439-313-360	Sequence 360, App
25	18	0.6	431	US-09-352-616A-360	Sequence 360, App
26	18	0.6	431	US-09-636-215-360	Sequence 360, App
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C 30	18	0.6	460	US-09-352-616A-309	Sequence 309, App
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C 32	18	0.6	460	US-09-636-215-309	Sequence 309, App
C 33	18	0.6	460	US-09-685-166A-309	Sequence 309, App
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C 37	18	0.6	540	US-09-270-767-8393	Sequence 8393, Ap
C 38	18	0.6	540	US-09-270-767-83675	Sequence 23675, A
C 39	18	0.6	957	US-09-540-236-56	Sequence 56, Appl
C 40	18	0.6	994	US-08-179-557-16	Sequence 16, Appl
C 41	18	0.6	1038	US-09-328-352-2937	Sequence 2937, Ap
C 42	18	0.6	1345	US-08-702-153-3	Sequence 3, Appli
C 43	18	0.6	1656	US-09-522-217-106	Sequence 106, App
C 44	18	0.6	1656	US-09-923-246-106	Sequence 106, App
C 45	18	0.6	1656	US-10-295-723-106	Sequence 106, App

ALIGNMENTS

RESULT 1
US-08-467-822-19
Sequence 19, Application US/08467822
Patent No. 5843460
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thibierge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELIOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,822
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137--02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid

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STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
FEATURE:
NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
US-08-467-822-19

Query Match      0.9%; Score 27; DB 2; Length 2619;
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Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1134 ATTACAAGCCGACATTGGATTAAA 1160
Db      1006 ATTACAAGCCGACATTGGATTAAA 1032

RESULT 2
US-08-432-697-19
Sequence 19, Application US/08432697
Patent No. 6248330
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
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OTHER INFORMATION: sequence."
FEATURE:
NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
US-08-432-697-19

Query Match      0.9%; Score 27; DB 3; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1134 ATTACAAGCCGACATTGGATTAAA 1160
Db      1006 ATTACAAGCCGACATTGGATTAAA 1032

RESULT 3
US-08-466-248-19
Sequence 19, Application US/08466248
Patent No. 6258359
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,248
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
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OTHER INFORMATION: /standard name="Shine-Dalgarno
OTHER INFORMATION: sequence."
FEATURE:
NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard name="Shine-Dalgarno
OTHER INFORMATION: sequence."
US-08-466-248-19

Query Match 0.9%; Score 27; DB 3; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 ATTACAAAGCCGACATTGGGATTAA 1160
DB 1006 ATTTACAAAGCCGACATTGGGATTAA 1032

RESULT 4
US-09-270-767-3974
Sequence 3974, Application US/09270767

PATENT No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3974
LENGTH: 550
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-09-270-767-3974

Query Match 0.7%; Score 20; DB 4; Length 550;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2035 ATAAAGATTAATAAAGATT 2054
DB 434 ATAAAGATTAATAAAGATT 453

RESULT 5
US-09-270-767-19256
Sequence 19256, Application US/09270767

PATENT No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19256
LENGTH: 550
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-09-270-767-19256

Query Match 0.7%; Score 20; DB 4; Length 550;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2035 ATAAAGATTAATAAAGATT 2054
DB 434 ATAAAGATTAATAAAGATT 453

RESULT 6

US-08-289-458-4/c
Sequence 4, Application US/08289458

PATENT No. 5608144
GENERAL INFORMATION:
APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
APPLICANT: LEE, Kathleen Y.
TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/289,458
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 12176-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1233 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

FEATURE:
NAME/KEY: CANT_signal
LOCATION: 1100..1103
FEATURE:
NAME/KEY: TATA_signal
LOCATION: 1139..1146
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1169
OTHER INFORMATION: /note= "Transcriptional start site"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 1172
OTHER INFORMATION: /note= "pgp50 5' end"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 1.1233
OTHER INFORMATION: /note= "Pepper Gp2 promoter sequence
OTHER INFORMATION: up to the ATG start codon."

US-08-289-458-4
Query Match 0.7%; Score 20; DB 1; Length 1233;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 73 TATTATTATTTTATTAATAA 92
DB 790 TATTATTATTTTATTAATAA 771

RESULT 7
US-08-761-549-4/c
Sequence 4, Application US/08761549
PATENT No. 5981727
GENERAL INFORMATION:

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; APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
; APPLICANT: LEE, Kathleen Y.
; TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: Stewart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,549
; FILING DATE: 06-DEC-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/289,458
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29,684
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1233 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CAAT_signal
; LOCATION: 1100..1103
; FEATURE:
; NAME/KEY: TATA_signal
; LOCATION: 1139..1146
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1169
; OTHER INFORMATION: /note= "Transcriptional start site"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1172
; OTHER INFORMATION: /note= "pgp50 5' end"
; NAME/KEY: misc_feature
; LOCATION: 1..1233
; OTHER INFORMATION: /note= "Pepper Gp2 promoter sequence
; OTHER INFORMATION: up to the ATG start codon."
; US-08-761-549-4

Query Match 0.7%; Score 20; DB 2; Length 1233;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 73 TATTATTAATTTTATATA 92
DB 790 TATTATTAATTTTATATA 771

RESULT 8
US-09-127-646-4/C
; Sequence 4, Application US/09127646
; Patent No. 6291744
; GENERAL INFORMATION:
; APPLICANT: Baden, Catherine S.
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; APPLICANT: Dunsmuir, Pamela
; APPLICANT: Lee, Kathleen Y.
; TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: Stewart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/289,458
; FILING DATE:
; CLASSIFICATION: 800

; APPLICANT: Dunsmuir, Pamela
; APPLICANT: Lee, Kathleen Y.
; TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: Stewart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/289,458
; FILING DATE:
; CLASSIFICATION: 800

Query Match 0.7%; Score 20; DB 3; Length 1233;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 73 TATTATTAATTTTATATA 92
DB 790 TATTATTAATTTTATATA 771

RESULT 9
US-08-289-458-3/C
; Sequence 3, Application US/08289458
; Patent No. 5608144
; GENERAL INFORMATION:
; APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
; APPLICANT: LEE, Kathleen Y.
; TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: Stewart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/289,458
; FILING DATE:
; CLASSIFICATION: 800
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; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29,684
; REFERENCE/DOCKET NUMBER: 12176-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1727 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; FEATURE:
; NAME/KEY: CAAT_signal
; LOCATION: 1100..1103
; FEATURE:
; NAME/KEY: TATA_signal
; LOCATION: 1139..1146
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1169
; OTHER INFORMATION: /note= "Transcriptional start site"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1172
; OTHER INFORMATION: /note= "pgp50 5' end"
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; OTHER INFORMATION: /note= "Translation start codon"
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; Best Local Similarity 100.0%; Pred. No. 6.3;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Db 790 TATTATTAAATTTTAAATAA 771
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; RESULT 10
; US-08-761-549-3/c
; Sequence 3, Application US/08761549
; Patent No. 5981727
; GENERAL INFORMATION:
; APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
; APPLICANT: LEE, Kathleen Y.
; TITLE OF INVENTION: PLANT GP2 PROMOTERS AND USES THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Stewart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,549
; FILING DATE: 06-DEC-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/289,458
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29,684
; REFERENCE/DOCKET NUMBER: 12176-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1727 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; FEATURE:
; NAME/KEY: CAAT_signal
; LOCATION: 1100..1103
; FEATURE:
; NAME/KEY: TATA_signal
; LOCATION: 1139..1146
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1169
; OTHER INFORMATION: /note= "Transcriptional start site"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1172
; OTHER INFORMATION: /note= "pgp50 5' end"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1234..1236
; OTHER INFORMATION: /note= "Translation start codon"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1298
; OTHER INFORMATION: /note= "Intron start site"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..1233
; OTHER INFORMATION: /note= "Gp2 promoter sequence"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..1727
; OTHER INFORMATION: /note= "Gp2 Genomic DNA clone"
;
; US-08-761-549-3
;
; Query Match 0.7%; Score 20; DB 2; Length 1727;
; Best Local Similarity 100.0%; Pred. No. 6.3;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 73 TATTATTAAATTTTAAATAA 92
; Db 790 TATTATTAAATTTTAAATAA 771
;
; RESULT 11
; US-09-127-646-3/c
; Sequence 3, Application US/09127646
; Patent No. 6291744
; GENERAL INFORMATION:
; APPLICANT: Baden, Catherine S.
; APPLICANT: Dunsmuir, Pamela
; APPLICANT: Lee, Kathleen Y.
```

APPLICANT: DNA Plant Technology Corporation
TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses
TITLE OF INVENTION: Therseof
FILE REFERENCE: 012176-004020US
CURRENT APPLICATION NUMBER: US/09/127, 646
CURRENT FILING DATE: 1998-07-31
EARLIER APPLICATION NUMBER: US 08/289, 458
EARLIER FILING DATE: 1994-08-12
EARLIER APPLICATION NUMBER: US 08/761, 549
EARLIER FILING DATE: 1996-12-06
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 1727
TYPE: DNA
ORGANISM: Capsicum annuum
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1727)
OTHER INFORMATION: pepper plant Group 2 (Gp2) genomic DNA clone
FEATURE:
NAME/KEY: promoter
LOCATION: (1)..(1233)
OTHER INFORMATION: Gp2 promoter sequence
FEATURE:
NAME/KEY: CAAT_signal
LOCATION: (1100)..(1103)
FEATURE:
NAME/KEY: TATA_signal
LOCATION: (1139)..(1146)
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1165)
OTHER INFORMATION: transcriptional start site
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1172)
OTHER INFORMATION: pGP50 5' end
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1234)..(1236)
OTHER INFORMATION: translation start codon
FEATURE:
NAME/KEY: intron
LOCATION: (11298)
OTHER INFORMATION: intron start site
US-09-127-646-3

Query Match 0.7%; Score 20; DB 3; Length 1727;
Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 73 TATTATTATTATTATTATAA 92
Db 790 TATTATTATTATTATTATAA 771

RESULT 12
US-08-920-095-1
Sequence 1, Application US/08920095
Patent No. 5837240
GENERAL INFORMATION:
APPLICANT: Cynthia K. Lee et al.
TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/920, 095
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/431, 041
FILING DATE: 28-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06132/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2735 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-920-095-1

Query Match 0.7%; Score 20; DB 2; Length 2735;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 ATTAGTCCCATATTATGA 339
Db 216 ATTAGTCCCATATTATGA 235

RESULT 13
PCT-US96-05800-1
Sequence 1, Application PC/TUS9605800
GENERAL INFORMATION:
APPLICANT: Oravax, Inc.
TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/05800
FILING DATE: 23-APR-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/431, 041
FILING DATE: 28-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/566, 122
FILING DATE: 06-DEC-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06132/020001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2735 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US96-05800-1

Query Match 0.7%; Score 20; DB 5; Length 2735;
 Best Local Similarity 100.0%; Pred. No. 6.4;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
 |||||
 Db 216 ATTAGTGGCCATATTATGGA 235

RESULT 14
 US-09-431-705-1
 Sequence 1, Application US/09431705
 Patent No. 6585975
 GENERAL INFORMATION:
 APPLICANT: Kleantous, Harold
 APPLICANT: Londono-Arcila, Patricia
 APPLICANT: Freeman, Donna
 TITLE OF INVENTION: Use of salmonella vectors for
 TITLE OF INVENTION: vaccination against helicobacter infection
 FILE REFERENCE: 06132/060001
 CURRENT APPLICATION NUMBER: US/09/431,705
 CURRENT FILING DATE: 1999-11-01
 NUMBER OF SEQ ID NOS: 52
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 1
 LENGTH: 4824
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: includes sequences from *Helicobacter pylori*,
 OTHER INFORMATION: *Salmonella typhimurium*, and *Escherichia coli*
 NAME/KEY: CDS
 LOCATION: (2) ... (31)
 NAME/KEY: CDS
 LOCATION: (41) ... (61)
 NAME/KEY: CDS
 LOCATION: (65) ... (799)
 NAME/KEY: CDS
 LOCATION: (803) ... (2512)
 NAME/KEY: CDS
 LOCATION: (2516) ... (2692)
 NAME/KEY: CDS
 LOCATION: (2696) ... (2896)
 NAME/KEY: CDS
 LOCATION: (2900) ... (3322)
 NAME/KEY: CDS
 LOCATION: (3326) ... (3385)
 NAME/KEY: CDS
 LOCATION: (3389) ... (3406)
 NAME/KEY: CDS
 LOCATION: (3410) ... (3466)
 NAME/KEY: CDS
 LOCATION: (3470) ... (3598)
 NAME/KEY: CDS
 LOCATION: (3602) ... (3661)
 NAME/KEY: CDS
 LOCATION: (3665) ... (3697)
 NAME/KEY: CDS
 LOCATION: (3701) ... (3769)
 NAME/KEY: CDS
 LOCATION: (3773) ... (3817)
 NAME/KEY: CDS
 LOCATION: (3821) ... (3844)

NAME/KEY: CDS
 LOCATION: (3848) ... (3889)
 US-09-431-705-1

Query Match 0.7%; Score 20; DB 4; Length 4824;
 Best Local Similarity 100.0%; Pred. No. 6.6;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
 |||||
 Db 200 ATTAGTGGCCATATTATGGA 219

RESULT 15
 US-09-431-705-19
 Sequence 19, Application US/09431705
 Patent No. 6585975
 GENERAL INFORMATION:
 APPLICANT: Kleantous, Harold
 APPLICANT: Londono-Arcila, Patricia
 APPLICANT: Freeman, Donna
 TITLE OF INVENTION: Use of salmonella vectors for
 TITLE OF INVENTION: vaccination against helicobacter infection
 FILE REFERENCE: 06132/060001
 CURRENT APPLICATION NUMBER: US/09/431,705
 CURRENT FILING DATE: 1999-11-01
 NUMBER OF SEQ ID NOS: 52
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 19
 LENGTH: 4824
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: includes sequences from *Helicobacter pylori*,
 OTHER INFORMATION: *Salmonella typhimurium*, and *Escherichia coli*
 NAME/KEY: CDS
 LOCATION: (3893) ... (3934)
 NAME/KEY: CDS
 LOCATION: (3938) ... (4027)
 NAME/KEY: CDS
 LOCATION: (4031) ... (4285)
 NAME/KEY: CDS
 LOCATION: (4289) ... (4300)
 NAME/KEY: CDS
 LOCATION: (4304) ... (4408)
 NAME/KEY: CDS
 LOCATION: (4412) ... (4471)
 NAME/KEY: CDS
 LOCATION: (4475) ... (4588)
 NAME/KEY: CDS
 LOCATION: (4592) ... (4669)
 NAME/KEY: CDS
 LOCATION: (4673) ... (4711)
 NAME/KEY: CDS
 LOCATION: (4715) ... (4774)
 NAME/KEY: CDS
 LOCATION: (4784) ... (4824)
 US-09-431-705-19

Query Match 0.7%; Score 20; DB 4; Length 4824;
 Best Local Similarity 100.0%; Pred. No. 6.6;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
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 Db 200 ATTAGTGGCCATATTATGGA 219

Search completed: February 11, 2005, 08:45:25
 Job time: 238 secs

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